



承 认 书

SPECIFICATION FOR APPROVAL

客户名称

CUSTOMER NAME:

产品名称

PRODUCT NAME: C100- WIFI 120MM

通诚料号: TCTZC3100fpc120

客户料号

CUSTOMER P/N:430100298

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
CHECKED BY:		
APPROVED BY:		
DATE:	2026.08.06	

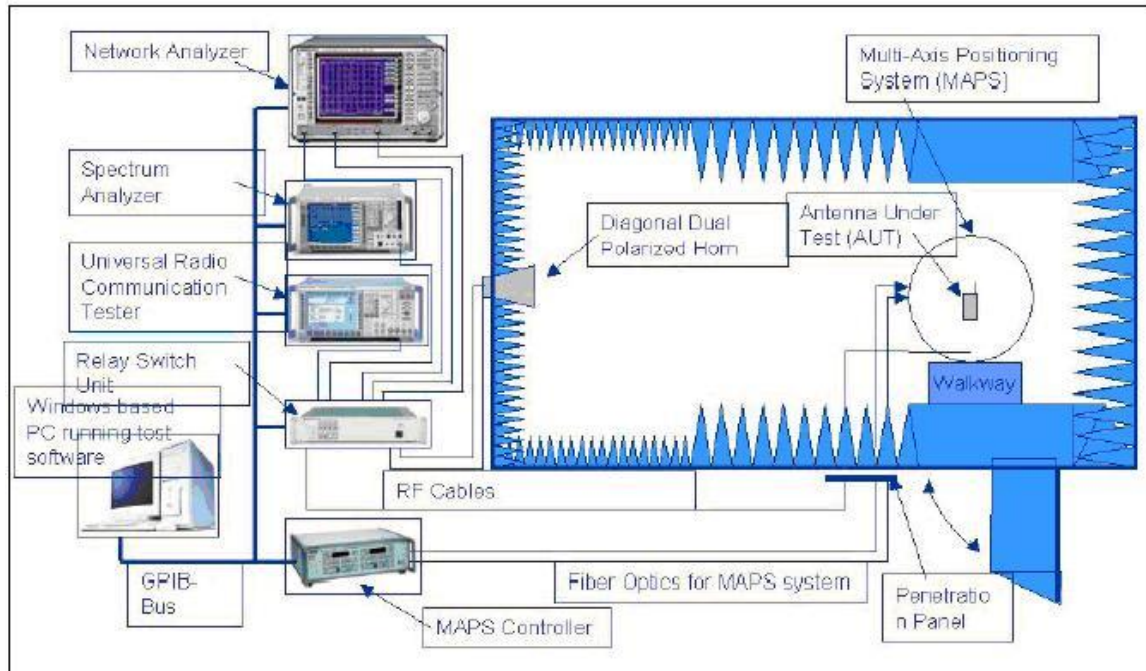
地址:深圳市宝安区 28 区大宝路金富来大厦 A 座 401-406

Address: 401-406, Block A, Jinfulai Building, Dabao Road, District 28, Bao 'an District, Shenzhen

Tel : 0755-27728733

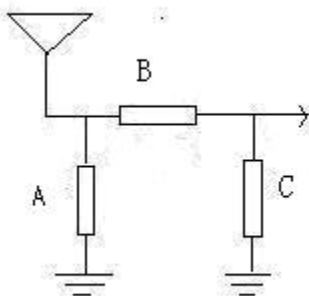
Fax : 0755-27805416

1. Testing instruments and environment: CTIA 743 darkroom, 8960/5515C, with the mobile phone facing away from the standard horn antenna 4 m turntable



2、Matching circuit

No matching circuit is added.

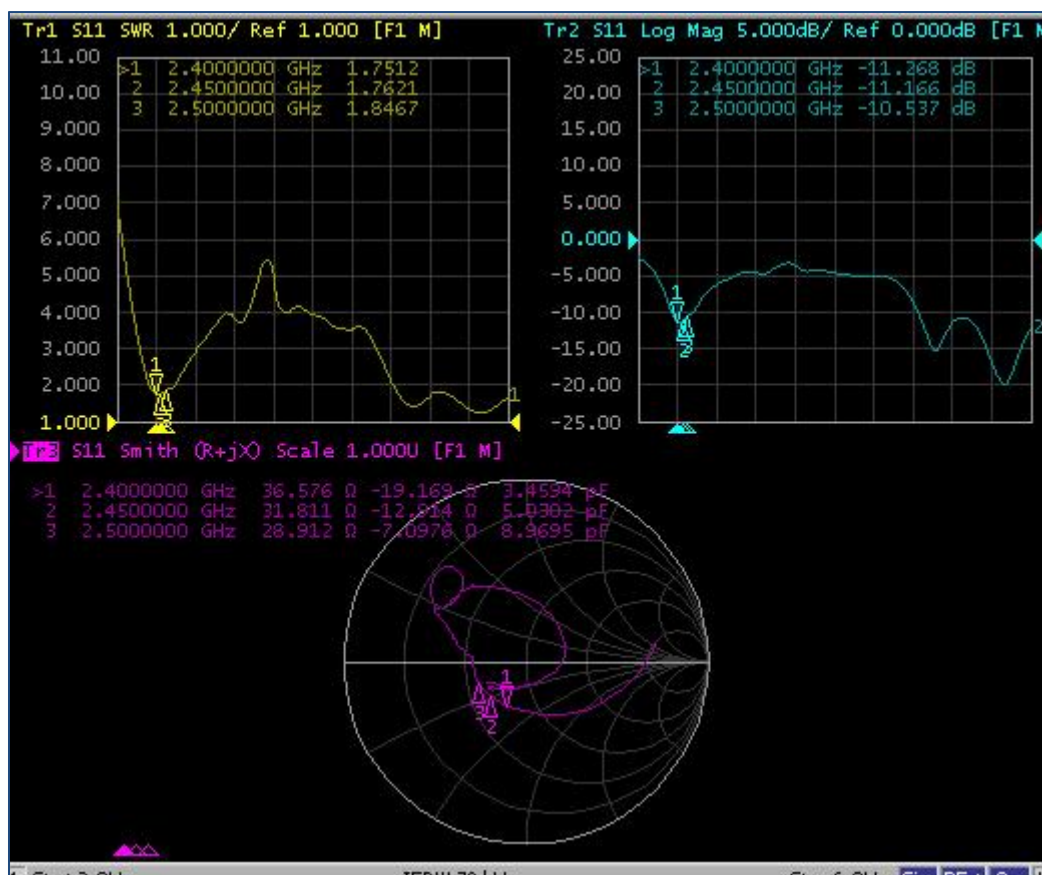


matching circuit	A	B	C
Numerical	NF	0 ohms	NF

3. Machine and antenna position picture

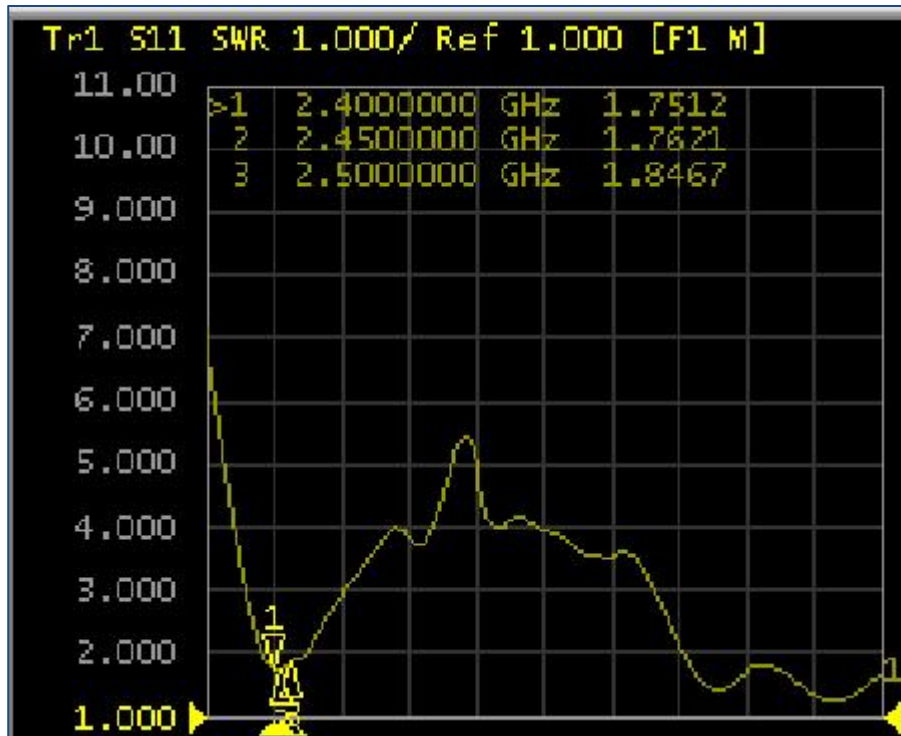


4. S11, ReturnLoss, Smith :



5. The whole machine antenna S11 contrast:

The average value of S11 of our whole antenna is 1.7



The average S11 of the whole antenna of other companies is 4.



6. Antenna efficiency gain:

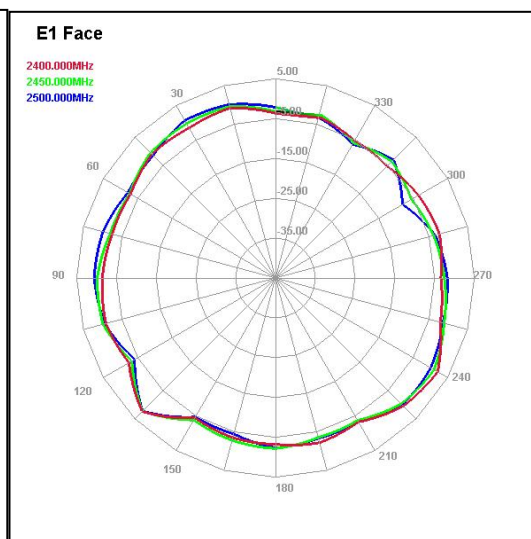
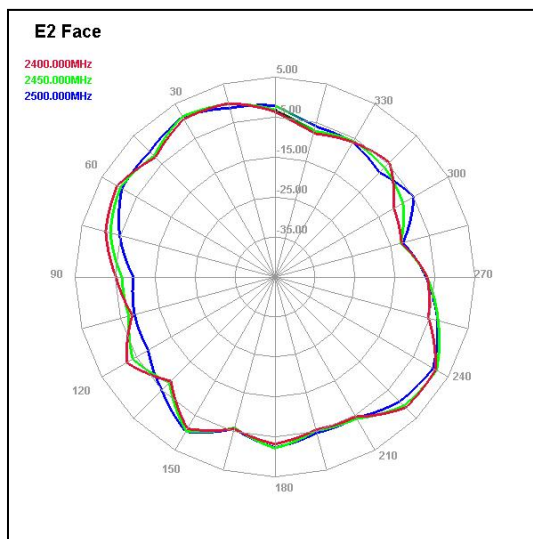
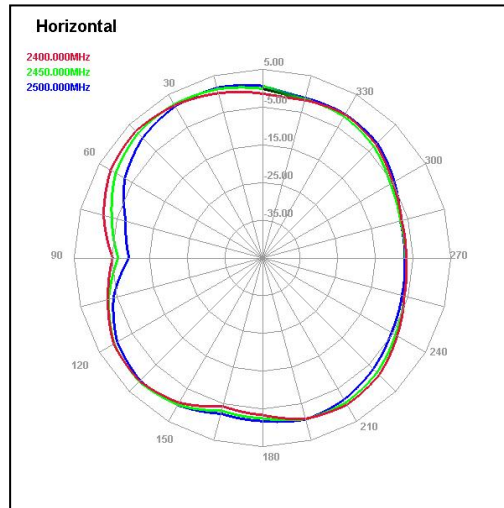
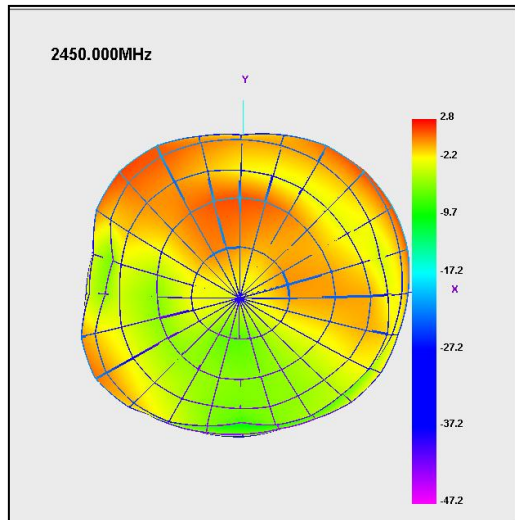
Our company's antenna

Freq	Effi	Gain
(MHz)	(%)	(dBi)
2400	58.19	2.54
2405	58.42	2.45
2410	57.96	2.45
2415	58.89	2.65
2420	59.27	2.66
2425	60.2	2.67
2430	60.92	2.75
2435	61.64	2.98
2440	61.05	2.99
2445	60.63	2.95
2450	57.91	2.79
2455	56.85	2.86
2460	56.53	2.95
2465	55.03	2.78
2470	53.15	2.54
2475	53.37	2.61
2480	53.83	2.67
2485	53.81	2.53
2490	52.96	2.21
2495	51.94	2.19
2500	51.95	2.38

Samples of antennas from other companies

Freq	Effi	Gain
(MHz)	(%)	(dBi)
2400	33.23	0.19
2405	33.15	0.1
2410	32.47	0.1
2415	33.23	0.3
2420	34.32	0.31
2425	35.12	0.32
2430	35.78	0.4
2435	36.39	0.63
2440	36.14	0.64
2445	35.58	0.6
2450	32.36	0.44
2455	31.27	0.51
2460	31.41	0.6
2465	30.12	0.43
2470	28.28	0.19
2475	28.47	0.26
2480	28.75	0.32
2485	28.71	0.18
2490	27.58	-0.14
2495	26.79	-0.16
2500	26.84	0.03

7: Antenna Apple Figure



8. Attached drawings

